

STARMAX



FM FLOOR MACHINE
MOTIVE DEEP CYCLE AGM
BATTERIES

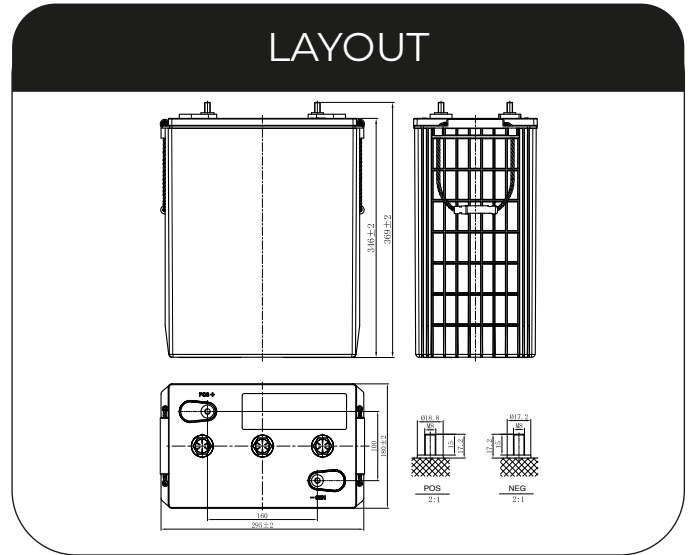
SDC6-315 (6Volts)



www.starmaxbatteries.com

SDC SERIES - SUPERIOR CYCLING NON SPILLABLE

6V 315Ah



General Features



Stable initial capacity

- PAM/NAM amount optimization
- 4BS crystal paste mixing & curing technology
- Double layer separator technology
- Improved design electrolyte S.G.



Excellent deep cycle performance

- Plate assembly pressure re-engineering
- New PAM/NAM recipe introduced
- Gel electrolyte technology
- Rare earth alloy
- Double layer separator technology
- Lower acid filling temperature



Solve NAM sulphation

- Carbon boost technology
- Pre-sulfate technology



Improved PSoC cycling

- Carbon boost technology
- Mix carbon boost technology
- Targeting for higher level through carbon technology



Less water loss

- PAM/NAM amount optimization
- New PAM/NAM recipe introduced
- Rare earth alloy



Delay PAM softening and shedding

- Plate assembly pressure re-engineering
- 4BS crystal paste mixing & curing technology
- Higher paste density



Optimize electrolyte stratification

- Introduce AGM-GEL technology



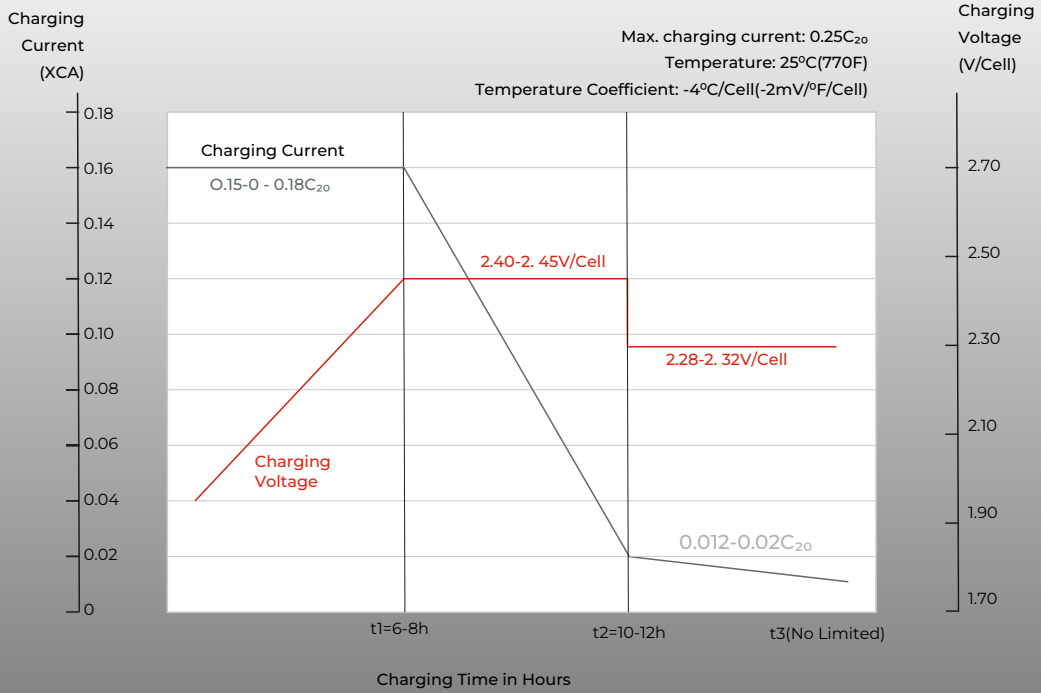
SPECIFICATIONS

Voltage	6V		
Dimension	Length	295mm(11.6 inches)	
	Width	180mm(7.09 inches)	
	Container height	346mm(13.6 inches)	
	Total Height	368mm (14.5 inches)	
Approx Weight	44.3kg (97.7) lbs		
Terminal	MT(M8)		
Container Material	ABS		
Capacity	20HR	315Ah	
	10HR	275Ah	
	5HR	250Ah	
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)	
	Charge	0~40°C (32~104°F)	
	Storage	-15~40°C (5~104°F)	

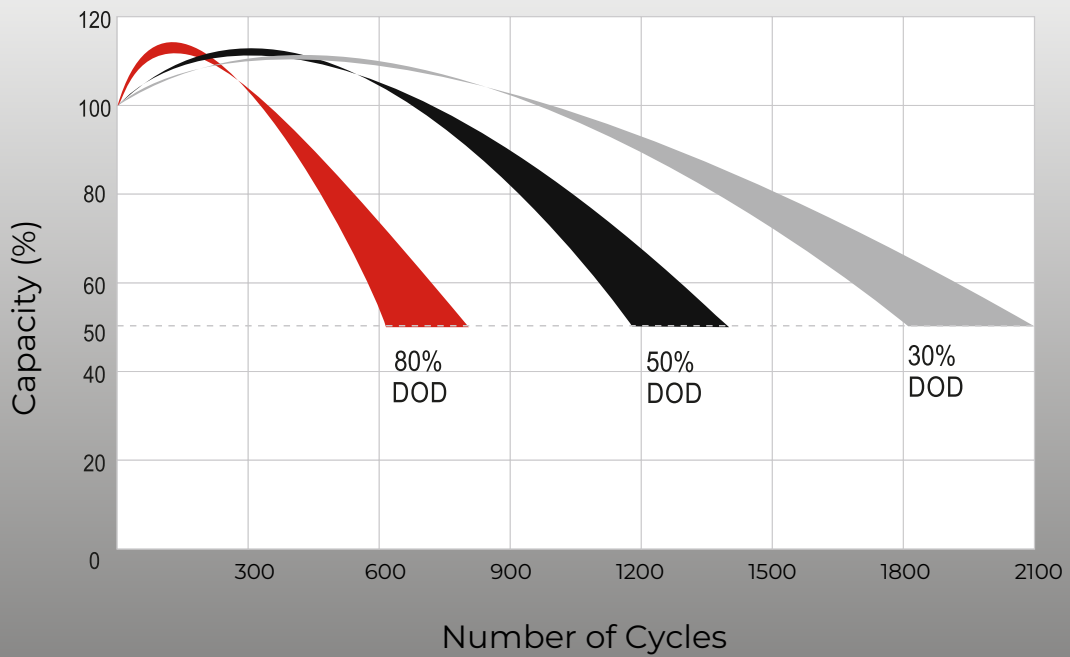
Applications

- ✓ Aerial Work Platforms
- ✓ Golf cart & Utility Vehicles
- ✓ Transportation
- ✓ Floor Cleaning Machines
- ✓ Marine & Recreation Vehicles
- ✓ Solar & Renewable Energy

Charging Profiles

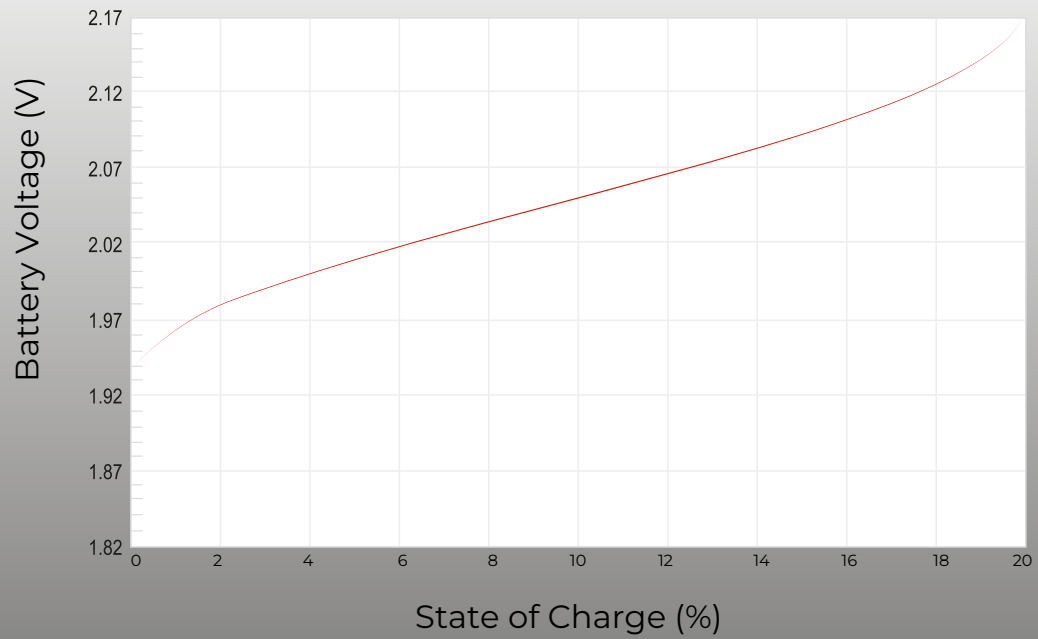


Cycle Life in Relation to Depth Of Discharges

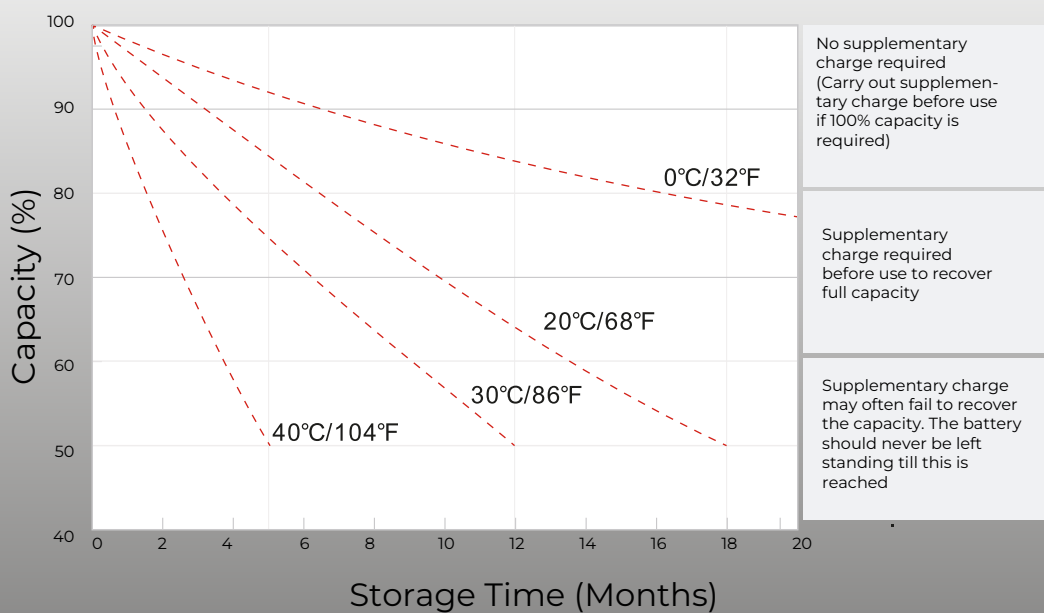


Relationship of OCV and State of Charge

(25°C, 77°F)



Self Discharge Characteristics



No supplementary charge required (Carry out supplementary charge before use if 100% capacity is required)

Supplementary charge required before use to recover full capacity

Supplementary charge may often fail to recover the capacity. The battery should never be left standing till this is reached

The max Storage time should not be above 15 months



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